IAPS Rec'd PCT/PTO 10 JUL 2908 J PTO/SB/21 (09-04) Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE collection of information unless it displays a valid OMB control number perwork Reduction Act of 1995, no persons are required to respond to Application Number 10/565,876 TRANSMITTAL Filing Date August 25, 2004 First Named Inventor **FORM** Hee-Seok Shin Art Unit Unknown **Examiner Name** Unknown (to be used for all correspondence after initial filing) Attorney Docket Number A4-218 US Total Number of Pages in This Submission **ENCLOSURES** (Check all that apply) After Allowance Communication to TC ✓ Fee Transmittal Form Drawing(s) Appeal Communication to Board Licensing-related Papers Fee Attached of Appeals and Interferences Appeal Communication to TC Petition Amendment/Reply (Appeal Notice, Brief, Reply Brief) Petition to Convert to a Proprietary Information After Final **Provisional Application** Power of Attorney, Revocation Status Letter Affidavits/declaration(s) Change of Correspondence Address Other Enclosure(s) (please Identify Terminal Disclaimer Extension of Time Request Response to Notice of Missing Requirements Request for Refund Express Abandonment Request Formalities Letter CD, Number of CD(s) Information Disclosure Statement Landscape Table on CD Certified Copy of Priority Remarks Document(s) Reply to Missing Parts/ Incomplete Application Reply to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Name Molex Incorporated Signature Printed name Stephen Z. Weiss Date Reg. No. 28.486 July 3, 2006 CERTIFICATE OF TRANSMISSION/MAILING I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with

sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below: Signature

Jacinda Wilson Typed or printed name

Date axında July 3, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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Under the Paperwork Redu	iction Act of 18	95 no persons are	required to re	espond to a collection	n of inform	nation unless i	t displays a	Valid OMB control number
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). FEE TRANSMITTAL For FY 2006				Complete if Known				
				Application Nun	nber	10/565,876		
				Filing Date		August 25, 2004		
				First Named Inv	entor/	Hee-Seok		
Applicant claims small entity status. See 37 CFR 1.27				Examiner Name	е	Unknown		
	T			Art Unit		Unknown		
TOTAL AMOUNT OF PA	AYMENT (\$) 130	.00	Attorney Docker	t No.	A4-218 US		
METHOD OF PAYME	NT (check	all that apply)						
Check Credit Card Money Order None Other (please identify):								
Deposit Account	Deposit Account Deposit Account Number: 50-1873 Deposit Account Name: Molex Incorporated							
For the above-ide	entified depos	it account, the D	irector is he	reby authorized to	: (check	all that appl	y)	
✓ Charge fee	Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee							
		ee(s) or underpa	yments of fe	e(s) 🗸 Credit	t any ove	erpayments		
under 37 C لـــــــــــــــــــــــــــــــــــ	FR 1.16 and this form may	1.17 become public. C	redit card in		-		form. Prov	vide credit card
information and authorizati								
FEE CALCULATION			_	iling or may be	subjec	t to a surc	harge.)	
1. BASIC FILING, SE		D EXAMINATION S FEES		RCH FEES	EYAN	INATION	EEEQ	
A P Al Ton		Small Entity		Small Entity		Small E	ntity	5 D-id (b)
Application Type	Fee (\$)		Fee (\$		Fee			Fees Paid (\$)
Utility	300	150	500	250	200			
Design	200	100	100	50	130			
Plant	200	100	300	150	160			
Reissue	300	150	500	250	600			
Provisional	200	100	0	0	() 0		
2. EXCESS CLAIM F Fee Description	EES					<u>Fe</u>	<u> </u>	Small Entity Fee (\$)
Each claim over 20) (including	Reissues)					50	25
Each independent		3 (including Re	eissues)				00	100
Multiple dependent claims 360							180	
Total Claims - 20 or HP	Extra CI	/		e Paid (\$)			tiple Dep e (\$)	endent Claims Fee Paid (\$)
HP = highest number of t				- · · · 		<u>re</u>	0 (2)	ree Palu (\$)
Indep. Claims	Extra CI			Paid (\$)				
		x 200.0						
HP = highest number of independent claims paid for, if greater than 3. 3. APPLICATION SIZE FEE								
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer								
listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50								
sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)								
100	=	/ 50 =		(round up to a v	whole nu	ımber) x		=
4. OTHER FEE(S) Non-English Specification, \$130 fee (no small entity discount) Fees Paid (\$)								
Other (e.g., late filing surcharge): Missing Parts Fee 130.00								
SUBMITTED BY	\	7/ A						
Signature	Alen?	Yllu	,	Registration No. (Attorney/Agent)	28,486	1	elephone	630/527-4430
Name (Print/Type) Stephe	n Z. Weiss	- 		gony			Date July	3, 2006

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE

APPLICATION OF: Hee-Seok Shin

SERIAL NO.: 10/565,876

FILED: August 25, 2004

FOR: FLAT CIRCUIT CONNECTOR WITH

IMPROVED HOUSING **EXAMINER:** Unknown

ART UNIT: Unknown

ATTORNEY DOCKET NO.: A4-218 US

Assistant Commissioner of Patents Washington, D.C. 20231

Dear Sir:

I hereby certify that this document along with any documents referred to as being attached, is being deposited with the United States Postal Service on the date shown below as first class mail, postage prepaid, in an envelope addressed to: Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Date On D. 11 Ison

Jacinda Wilson

RESPONSE TO NOTICE OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

In response to the Notice to File Missing Parts of Nonprovisional Application mailed June 15, 2006, Applicant hereby submits the following:

- 1. a copy of the Formalities Letter indicating that the signature on the Oath or Declaration is missing;
- 2. the signed Declaration and Power of Attorney for Patent Application form showing the signature of the inventor(s).

By:

07/14/2006 MKAYPAGH 00000037 501873 10565876

Respectfully submitted,

01 FC:1617

130.00 DA

MOLEX INCORPORATED

Date: JULY 3, 2006

Stephen Z. Weiss

Registration No. 28,486

Attorney of Record

Serial No.: 10/565,876 Attorney Docket No.: A4-218 US

Mailing Address: Stephen Z. Weiss MOLEX INCORPORATED 2222 Wellington Court Lisle, Illinois 60532 Tel.: (630) 527-4430

Fax.: (630) 416-4962



NITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE UNITED STATES DEFARIMENT OF COMMI United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

U.S. APPLICATION NUMBER NO. FIRST NAMED APPLICANT ATTY. DOCKET NO. 10/565,876 Hee-Seok Shin A4218US

INTERNATIONAL APPLICATION NO.

Stephen Z Weiss MOLEX INCORPORATED 2222 Wellington Court Lisle, IL 60532

PCT/US04/27552 I.A. FILING DATE PRIORITY DATE 08/25/2004 08/27/2003

CONFIRMATION NO. 8286 371 FORMALITIES LETTER OC000000019270100

Date Mailed: 06/15/2006

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 01/23/2006
- Copy of the International Search Report filed on 01/23/2006
- Copy of IPE Report filed on 01/23/2006
- Oath or Declaration filed on 01/23/2006
- Request for Immediate Examination filed on 01/23/2006
- U.S. Basic National Fees filed on 01/23/2006
- Priority Documents filed on 01/23/2006

The applicant needs to satisfy supplemental fees problems indicated below.

The following items MUST be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
 - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

• \$130 Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice **MUST** be returned with the response.

SHAKEEL AHMED

Telephone: (703) 308-9140 EXT 208

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/565,876	PCT/US04/27552	A4218US

FORM PCT/DO/EO/905 (371 Formalities Notice)

PTO/SB/21 (09-04)

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CONSCINE AND HOLD TO SERVICE AND A LOSS OF THE SERVICE AND A LOSS OF T	Application Number	10/565,87		displays a valid Olyla Collifor Humber.			
TRANSMITTAL	Filing Date	August 25, 2004					
FORM	First Named Inventor	Hee-Seok	Hee-Seok Shin				
	Art Unit	Unknown					
4- ha and family and a second a	Examiner Name	Unknown	Unknown				
(to be used for all correspondence after initial	Attorney Docket Number	A4-218 US					
Total Number of Pages in This Submission		A4-218 US	•				
ENCLOSURES (Check all that apply)							
Fee Transmittal Form Fee Attached	Drawing(s) Licensing-related Papers		After Allowance Communication to TC Appeal Communication to Board of Appeals and Interferences				
Amendment/Reply After Final Affidavits/declaration(s) Extension of Time Request Express Abandonment Request Information Disclosure Statement Certified Copy of Priority Document(s) Reply to Missing Parts/ Incomplete Application Reply to Missing Parts under 37 CFR 1.52 or 1.53	Petition Petition to Convert to a Provisional Application Power of Attorney, Revocatio Change of Correspondence A Terminal Disclaimer Request for Refund CD, Number of CD(s) Landscape Table on CE Remarks	Address	Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter Other Enclosure(s) (please Identify below): Recordation Sheet Assignment Document				
SIGNA	TURE OF APPLICANT, ATTO	RNEY, C	R AGENT				
Firm Name Molex Incorporated	·						
Signature Sex U	llu						
Printed name Stephen Z. Weiss			_				
Date July 3, 2006	F	Reg. No.	28,486				
CERTIFICATE OF TRANSMISSION/MAILING							
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:							
Signature							
Typed or printed name Jacinda Wilson			Date	July 3, 2006			

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/17 (01-06)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Chack the Faperwork Reducine	espond to a collection of information unless it displays a valid OMB control number Complete if Known						
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).				Application Number 10/565,8			
FEE TRANSMITTAL				Filing Date			
For FY 2006			First Named Inventor	August 2			
FOI F1 2006				Examiner Name			
Applicant claims small	entity status.	See 37 CFR 1.27	ŀ		Unknowr		
TOTAL AMOUNT OF PAYE	MENT (\$)	40.00		Art Unit	Unknown		
TOTAL AMOUNT OF PAYMENT (\$) 40.00 Attorney Docket No. A4-218 US							
METHOD OF PAYMENT	METHOD OF PAYMENT (check all that apply)						
Check Credit Card Money Order Other (please identify):							
Deposit Account De	eposit Account	Number: <u>50-1873</u>		Deposit Accoun	Name: MOle	ex Incorporate	ed
For the above-identif	fied deposit a	ccount, the Director	r is her	eby authorized to: (che	eck all that ap	pply)	
✓ Charge fee(s)	indicated bel	ow		Charge fee	(s) indicated	below, except fe	or the filing fee
✓ Charge any a	dditional fee(s	s) or underpayment	s of fe	e(s) Credit any	overpayment	ts	
under 37 CFR WARNING: Information on this	R 1.16 and 1.1 form may bec	7 come public. Credit c	ard inf				credit card
information and authorization	on PTO-2038.	•					
FEE CALCULATION (A	II the fees b	elow are due up	oon fil	ling or may be sub	ject to a su	rcharge.)	
1. BASIC FILING, SEAR	CH, AND E			01.5550 5			
		EES nall Entity	SEAR	CH FEES EX Small Entity	AMINATIOI Small	N FEES I Entity	
Application Type	Fee (\$)	Fee (\$)	Fee (\$) <u>Fee (\$)</u> <u>F</u>	ee (\$) Fed	e (\$)	Fees Paid (\$)
Utility	300	150	500	250	200 10		
Design	200	100	100	50	130 <i>6</i>	55 <u> </u>	
Plant	200	100	300	150	160 8	30	
Reissue	300	150	500	250	500 30	00 _	
Provisional	200	100	0	0	0	0 _	
2. EXCESS CLAIM FEE	S					- (4)	I Entity
<u>Fee Description</u> Each claim over 20 (i	ncluding Re	eissues)				50	e (\$) 25
Each independent cla			s)			200	100
Multiple dependent cl							180
<u>Total Claims</u> - 20 or HP =	Extra Claim		<u>Fee</u> =	Paid (\$)	_	lultiple Depend	
HP = highest number of total	claims paid for					<u>Fee (\$)</u> <u>F</u>	ee Paid (\$)
Indep. Claims	Extra Claim		_	Paid (\$)		 -	
		x 200.00 =					
HP = highest number of independent claims paid for, if greater than 3. 3. APPLICATION SIZE FEE If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer							
listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50							
sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).							
<u>Total Sheets</u> <u>Extra Sheets</u> <u>Number of each additional 50 or fraction thereof</u> <u>Fee (\$)</u> <u>Fee Paid (\$)</u> - 100 = / 50 = (round up to a whole number) x =							
4. OTHER FEE(S) Non-English Specification, \$130 fee (no small entity discount)							
Other (e.g., late filing surcharge): Assignment Fee 40.00							
SUBMITTED BY							
Signature	Xe, =	1010	\Box	Registration No. (Attorney/Agent) 28,48	6	Telephone 630	1/527-4430
Name (Print/Type) Stephen Z	Weiss	-				Date July 3, 20	סטע

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If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.